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DEVELOPMENT AND INTERNATIONAL ECONOMIC COOPERATION

ECONOMIC AND SOCIAL COUNCIL
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Agenda item 12
DEVELOPMENT AND INTERNATIONAL ECONOMIC COOPERATION

Cooperation in fisheries in Africa

Report of the Secretary-General

Corrigendum

1. Page 1, Executive summary, second paragraph

   For US$ 600 million read US$ 460 million

2. Page 7, paragraphs 10 and 11

   For the existing text substitute

   10. The estimate of total potential from African waters, both marine and inland, amounts to about 11 million tons per year, of which 8.6 million tons come from marine fisheries. Western Africa (from Morocco to Namibia) accounts for nearly 70 per cent.

   11. Total production shows a feeble increase over the last two decades. Overall total fish production from all African waters, domestic and foreign fleets combined, rose from 6.4 million tons in 1970 to 7.0 million tons in 1985 and 8.3 million tons in 1990, of which about 77 per cent was produced from marine waters (table 1).

3. Page 8, table 1

   Replace with the attached.

4. Page 9, paragraphs 12 and 13

For the existing text substitute

12. Since 1985 a small but steady increase has taken place with domestic production rising to 5.1 million tons in 1988, of which marine domestic production accounted for 3.5 million tons. Since 1988, however, total marine production (domestic and foreign fleets combined) has declined from 8.6 million tons to 8.2 million tons in 1990.

13. Substantial differences are found in the volume of domestic landings between subregions. The land-locked countries account for only 12 per cent of total domestic production, while western African countries contribute 63 per cent.

5. Page 10, paragraph 20

The second sentence should read

Major importing countries are Egypt, Nigeria, Côte d'Ivoire, Zaire, Angola and Cameroon, accounting for 59 per cent of total African fish import.

6. Page 10, paragraph 21

Before (see table 2) insert In North Africa per capita fish supply has slightly improved

7. Page 11, table 2

Replace with the attached.

8. Page 14, paragraph 38

For the existing text substitute

38. There are abundant physical resources in many parts of Africa for fish farming. Pond aquaculture has not been widely successful in sub-Saharan Africa and it has been disappointing for creating new employment opportunities or increased national food supplies. Considerable efforts have already been devoted to aquaculture research, education, training and extension. Although development aid directed to fish farming has totalled over $100 million during the last 10 years, aquaculture production remains extremely low and, at about 30,000 tons per year, it represents less than 1 per cent of total domestic production. Egypt, Nigeria, Zambia and Zimbabwe are the major producers. African aquaculture is characterized by small-scale rural subsistence activities rather than intensive commercial operations.

9. Page 14, paragraph 40

The last sentence should read

Such a review to recommend new approaches to aquaculture development in sub-Saharan Africa is being initiated jointly by the Economic Commission for Africa (ECA) and FAO.

10. Page 18, paragraph 56

The second sentence should read

Average expenditure for regional assistance projects in sub-Saharan Africa was in the range of $20 million per year in 1987 and decreased to about $10 million in 1991.

11. Pages 27-29, table 4

Replace with the attached.

12. Page 35

Footnote 1 should read

1/ The present report concerns sub-Saharan African and Mediterranean countries (Egypt, Algeria, the Libyan Arab Jamahiriya, Tunisia).

Table 1. Fish production in Africa (metric tons)

		1985	1986	1987	1988	1989	1990
WEST AFRICA							
	Angola	66497	49436	74936	93783	103132	98941
	Benin	6371	8753	9916	8668	8962	8863
	Cameroon	65955	63980	62529	62529	57644	57644
	Cape Verde	10190	6386	6931	6098	8520	7016
	Cote d'Ivoire	77782	75436	74253	60936	68504	76775
	Congo	16336	17994	17513	22005	21707	21953
	Eq. guinea	3200	3950	3600	3600	3600	3600
	Gabon	19200	18980	20355	20660	21000	20000
	Gambia	8012	6873	10430	4266	3963	6688
	Ghana	233049	266523	327020	304374	304075	333766
	Guinea	28000	29500	31000	31000	31000	29500
	Guinea Bissau	3600	3620	4000	4540	5200	5200
	Liberia	7478	12053	14731	12074	13000	12500
	Mauritania	97300	92200	93400	91600	86612	85000
	Morocco	436774	556387	452788	521286	487916	530676
	Namibia	13000	14000	31486	32416	20097	289751
	Nigeria	154252	161515	155599	168281	184733	217652
	Sao Tome and Prin.	3988	2833	2798	2900	3116	3583
	Senegal	231009	240568	239986	243726	271200	282652
	Sierra Leone	37011	37313	37206	37273	37190	35000
	South Africa	771349	815821	1421173	1296526	874042	532487
	Saint Helena	572	632	741	786	1013	806
	Togo	14844	14124	14475	14755	16044	15378
	Zaire	1900	2000	2000	2000	2000	2000
TOTAL WEST AFRICA		2307669	2500877	3108866	3046082	2634270	2677431
NORTH AFRICA							
	Algeria	66000	65261	94092	106434	99184	90720
	Egypt	16561	19334	33220	35750	35740	35340
	Libya	7800	7800	8000	8000	7784	7800
	Tunisia	88908	92618	99169	102674	95091	92129
NORTH AFRICA TOTAL		179269	185013	234481	252858	237799	225989
EAST AFRICA							
	Comoros	5200	5250	5250	5500	6750	8000
	Djibouti	380	409	426	454	391	400
	Ethiopia	500	600	500	723	1557	2000
	Kenya	6196	6212	6875	7970	7610	7885
	Madagascar	35096	44347	52428	61096	69390	74740
	Mauritius	12321	12855	18136	17099	17137	14607
	Mozambique	33306	31154	35850	33300	33075	34720
	Reunion	2155	1724	1776	2080	1989	1952
	Seychelles	4090	4542	3953	4343	4403	5369
	Somalia	16467	16500	17000	17700	17700	17100
	Tanzania	42740	44085	39805	49199	49565	47000
	South Africa	3247	2901	2480	2417	2239	1613
	Sudan	409	1190	1200	1200	1200	1127
TOTAL EAST AFRICA		162107	171769	185679	203081	213008	216513
AFRICA MARINE TOTAL		2649045	2857659	3529026	3502021	3085075	3119933
FOREIGN FLEETS							
	West Africa	2638933	2701814	2945233	3170812	3407114	2942898
	East Africa	247982	289989	321170	372585	320628	316377
Total foreign fleets		2886915	2991803	3266403	3543397	3727742	3259275
GRAND TOTAL AFRICA (marine)		5535960	5849462	6795429	7045418	6812817	6379208
INLAND PRODUCTION		1542976	1668726	1716636	1606677	1637197	1905440
GRAND TOTAL AFRICA							
(marine domestic+inland)		4192021	4526385	5245662	5108698	4722272	5025373
(marine domestic+foreign+inland)		7078936	7518188	8512065	8652095	8450014	8284648
% of foreign production (marine)		52.1	51.1	48.1	50.3	54.7	51.1
% of foreign production (marine+inland)		40.8	39.8	38.4	41.0	44.1	39.3

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Table 2. Fish supply and protein intake

(SUPP8089-D)
STATUS OF FISH SUPPLY IN AFRICA

COUNTRY	FISH SUPPLY (MT)			FISH SUPPLY PER CAPUT (KG/YR)			FISH IN TOTAL PROTEIN (%)			FISH IN ANIMAL PROTEIN (%)		
	1980	1985	1989	1980	1985	1989	1980	1985	1989	1980	1985	1989
ALGERIA	47986	78005	109816	2.6	3.6	4.5	1.20	1.70	1.9	6.00	6.50	7.8
ANGOLA	65585	214426	227860	8.5	24.5	23.4	8.1	18.1	18.7	28.9	41.2	45.1
BENIN	45029	45872	46054	13.0	11.5	10.3	7.5	6.4	5.2	37.6	31.5	29.6
BOTSWANA	3064	3027	3749	3.4	2.8	3.0	1.6	1.3	1.3	4.6	4.2	4.8
BURKINA FASO	9785	11947	18945	1.4	1.5	2.2	0.7	0.9	1.0	6.7	6.9	9.7
BURUNDI	15532	11854	11915	3.8	2.5	2.2	1.6	1.2	1.3	25.7	20.2	23.3
CAMEROON	114166	143315	153214	13.2	14.3	13.4	6.6	7.6	6.5	31.9	32.8	30.8
CAPE VERDE	6595	8377	4198	22.6	25.9	11.7	10.1	12.2	6.1	44.2	51.1	25.0
CENT AFR REP	13634	14107	14256	5.9	5.3	4.8	4.0	3.8	2.8	15.8	12.4	10.7
CHAD	80458	85897	94842	18.0	17.1	17.1	9.4	9.0	9.8	37.0	35.8	35.8
COMOROS	4200	5319	6031	10.7	11.5	11.4	9.1	9.4	8.8	42.1	46.4	46.3
CONGO	47188	78416	75010	28.3	40.4	34.1	22.0	26.6	24.4	55.1	61.4	59.2
COTE DIVOIRE	148136	172243	173033	18.1	17.3	15.0	9.6	9.5	8.4	36.6	38.7	35.7
DJIBOUTI	251	1444	918	0.8	4.1	2.3	0.0	0.0	0.0	1.3	7.7	4.6
EGYPT	203681	319479	378474	5.0	6.9	7.4	2.00	2.40	2.5	10.50	10.80	12.4
EQ GUINEA	4406	5366	6781	20.3	17.2	19.7	0.0	0.0	0.0	60.6	67.2	75.9
ETHIOPIA	3515	4130	5455	0.1	0.1	0.1	0.2	0.2	0.0	0.3	0.3	0.4
GABON	32715	34585	32435	40.6	35.1	28.6	19.2	15.4	14.0	34.9	29.1	29.1
GAMBIA	6715	11228	11900	10.5	15.1	14.2	6.7	8.8	8.9	32.0	35.8	40.2
GHANA	239258	273594	373034	22.3	21.3	25.6	17.5	16.7	18.0	59.0	57.2	62.5
GUIN BISSAU	3657	3829	2124	4.6	4.4	2.2	3.1	2.5	1.1	15.3	13.5	7.8
GUINEA	30757	38645	46032	6.9	7.7	8.2	4.2	4.6	4.9	30.1	30.2	33.9
KENYA	47977	105104	133110	2.9	5.2	5.7	1.4	2.7	3.1	5.7	9.9	9.6
LESOTHO	2434	3172	2649	1.8	2.1	1.5	0.9	1.0	0.8	5.2	5.4	5.1
LIBERIA	26567	29756	33502	14.2	13.5	13.4	8.4	8.1	8.6	33.2	61.3	41.2
LIBYA	24432	19382	15505	8.0	5.1	3.5	3.90	1.90	1.2	10.20	5.00	3.3
MADAGASCAR	51553	63861	91900	5.9	6.2	7.9	3.0	3.5	4.7	12.5	13.8	18.2
MALAWI	58945	62224	90949	9.5	8.5	10.8	4.4	4.0	5.3	45.7	45.4	52.3
MALI	81843	53249	71848	11.9	6.7	8.0	6.3	3.4	3.7	23.0	16.8	18.1
MAURITANIA	13178	21248	20600	8	12.03	10.5	3.50	4.90	3.8	7.50	11.40	9.6
MAURITIUS	15979	14519	19546	16.5	14.2	18.3	9.5	7.5	9.2	28.3	24.2	26.0
MORROCO	123479	170796	173182	6	7.75	7.1	2.80	3.10	2.7	17.10	19.40	17.1
MOZAMBIQUE	46089	42115	44782	3.8	3.1	2.9	4.1	3.3	3.1	28.2	22.6	23.6
NAMIBIA	10250	13100	15697	7.8	8.6	9.1	3.4	3.8	3.7	8.0	9.0	10.5
NIGER	9286	2730	5252	1.7	0.4	0.7	0.9	0.3	0.3	4.5	2.1	2.7
NIGERIA	996820	511969	534359	12.7	5.6	5.1	6.8	2.8	2.7	36.9	23.5	24.0
REUNION	13067	12211	14064	25.7	22.3	24.0	10.3	8.9	8.8	23.2	20.1	18.8
RWANDA	1835	906	1400	0.4	0.1	0.2	0.2	0.2	0.2	2.8	1.0	1.7
SAO TOME PRN	1847	4602	3465	19.6	43.0	29.4	10.7	24.2	17.4	50.2	76.2	62.8
SENEGAL	126542	141822	152864	22.8	22.2	21.5	9.9	9.4	10.1	41.9	39.1	36.7
SEYCHELLES	3927	3275	3052	62.3	50.4	44.9	31.1	24.6	22.1	61.3	48.1	43.7
SIERRA LEONE	74729	61540	54993	22.9	16.8	13.6	15.5	13.9	11.7	65.7	67.9	61.9
SOMALIA	12552	15258	16911	2.3	2.4	2.3	1.3	1.3	1.2	2.1	2.3	2.3
SOUTH AFRICA	251419	312147	349895	8.9	9.9	10.1	3.6	3.5	3.9	9.8	9.9	11.2
SUDAN	25616	27230	23039	1.4	1.2	0.9	0.6	0.6	0.5	1.6	1.6	1.4
SWAZILAND	70	90	115	0.1	0.1	0.2	0.2	0.2	0.0	0.2	0.2	0.2
TANZANIA	228716	300774	386637	12.1	13.2	14.7	6.5	6.7	7.7	33.1	34.2	38.9
TOGO	29458	37954	52364	11.3	12.5	15.3	7.0	7.9	8.6	48.3	45.1	46.9
TUNISIA	53543	78309	76990	8.4	10.8	9.6	3.10	4.00	3.2	14.70	17.10	14.3
UGANDA	165840	160800	247300	12.6	10.3	13.7	7.6	6.6	8.6	32.2	33.1	42.7
ZAIRE	176051	325325	287370	7.0	10.7	8.3	5.9	9.1	7.5	37.3	45.1	42.7
ZAMBIA	56628	70048	66160	2.2	10.0	8.1	5.0	5.2	4.2	25.3	29.4	25.7
ZIMBABWE	19625.00	17568	15862	3.4	2.1	1.7	1.4	1.1	0.9	9.3	7.9	6.7

AFRICA TOTAL	3828624	4170184	4691622	8.69	7.93	7.89
Sub Sahara Africa	3498982	3675009	4110837	8.13	7.69	7.71
EAST AFRICA	449242	589921	739414	3.71	4.21	4.68
WEST AFRICA	2372043	2315106	2483207	12.40	10.39	9.82
NORTH AFRICA	466299	687219	774567	5.18	6.66	6.78
LAND LOCKED	411819	420569	542534	7.84	6.79	7.66

Table 4. Membership in fishery bodies and economic groupings

Countries	United Nations regional fishery bodies					Regional economic groupings											Intergovernmental fishery organizations					Organization on watershed drought management			
	FCA	IOFC	GFCM	CECAF	CIFA	ECOWAS	CEAO	PTA	SADCC	MRU	ICC	CEPGL	OAU	UDEAC	ECCAS	AMU	ICCAT	COREP	SRCP	NC	WIOFO	ICBF	CILSS	IGADD	NRBA
Algeria	X		X										X			X				X					
Angola	X								X				X				X			X					
Benin	X			X	X	X							X				X								X
Botswana	X				X				X				X												
Burkina Faso	X						X						X										X		X
Burundi	X				X			X				X	X		X										
Cameroon	X			X	X								X	X					X	X		X			X
Cape Verde	X			X		X							X				X			X			X		
Central African Republic	X				X								X	X	X										
Chad	X				X								X	X	X							X	X		X
Comoros	X	X						X			X		X								X				
Congo	X			X	X								X	X	X			X		X					
Côte d'Ivoire	X			X	X	X	X						X				X			X					X
Djibouti	X							X					X											X	
Egypt	X	X	X										X							X					
Equatorial Guinea	X			X									X	X	X			X		X					
Ethiopia	X	X			X			X					X											X	
Gabon	X			X	X								X	X	X		X			X					
Gambia	X			X	X	X							X						X	X					
Ghana	X			X	X	X							X				X			X					
Guinea-Bissau	X			X		X							X						X						
Guinea	X			X		X				X			X												
Kenya	X	X			X			X					X												
Lesotho	X							X	X				X												
Liberia				X		X				X			X												

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Table 4 (continued)

Countries	United Nations regional fishery bodies					Regional economic groupings										Intergovernmental fishery organizations					Organization on watershed drought management			
	BCA	IOPC	GFCM	CECAF	CIFA	ECOWAS	CEAO	PTA	SADCC	MRU	IOC	CEPGL	OAU	UDEAC	ECOCAS	AMU	ICCAT*	COREP	SRCP	MC	MIOTO	LCBC	CILSS	IGADD	MRRA
Libyan Arab Jamahiriya	X		X										X			X									
Madagascar		X			X						X		X												
Malawi					X			X	X				X												
Mali	X				X	X	X						X										X		X
Mauritania	X			X		X	X						X						X	X			X		
Mauritius	X	X			X			X			X		X								X				
Morocco	X		X	X												X	X			X					
Mozambique	X	X							X		X		X								X				
Namibia	X								X											X					
Niger	X				X	X	X						X									X	X		X
Nigeria	X			X	X	X							X							X		X			X
Rwanda	X				X			X				X	X												
Sao Tome and Principe	X			X									X				X	X	X	X					
Senegal	X			X	X	X	X						X				X			X			X		
Seychelles	X	X									X		X								X				
Sierra Leone	X			X	X	X				X			X							X					
Somalia	X	X			X			X					X											X	
South Africa																	X								
Sudan	X				X								X											X	
Swaziland	X				X			X	X				X												
Togo	X			X	X	X							X							X					
Tunisia	X		X		X								X			X									
Uganda	X				X			X					X											X	
United Republic of Tanzania	X	X			X			X	X				X								X				
Zaire	X			X	X							X	X					X		X					

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Table 4 (continued)

Countries	United Nations regional fishery bodies					Regional economic groupings											Intergovernmental fishery organizations					Organization on watershed drought management			
	ECA	IOFC	GFCM	CECAF	CIFA	ECOWAS	CEAO	PTA	SADCC	MRU	IOC	CEPGL	OAU	UDEAC	ECCAS	AMU	ICCAT	COREP	SRCF	MC	WIOTO	LCBC	CILSS	IGADD	NRBA
Zambia	X				X			X	X				X												
Zimbabwe	X			X			X	X					X												
Year of establishment	1958	1967	1949	1967	1971	1975	1974	1981	1980	1973	1984	1976	1964	1964	1983	1989	1966	1984	1985	1988	1990	1964	1973	1986	1964

ECA Economic Commission for Africa
IOFC Indian Ocean Fishery Commission (member countries include 30 European, Asian and near-east countries)
GFCM General Fisheries Council for the Mediterranean
CECAF Fishery Committee for the Eastern Central Atlantic (member countries include 10 non-African countries)
CIFA Committee for Inland Fisheries of Africa
ECOWAS Economic Community of West African States
CEAO West African Economic Community
PTA Preferential Trade Area for Eastern and Southern Africa
SADCC Southern African Development Coordination Conference
MRU Mano River Union
IOC/AT Indian Ocean Commission/Association thonière
CEPGL Communauté économique des pays des grands lacs
OAU Organization of African Unity
UDEAC Customs and Economic Union of Central Africa
ECCAS Economic Community of Central African States
AMU Arab Maghreb Union
ICCAT International Commission for the Conservation of Atlantic Tunas (member countries include 13 other non-African countries)
COREP Regional Fishery Committee for the Gulf of Guinea
SRCF Subregional Commission for Fisheries (north-west Africa)
MC Ministerial Conference on Fisheries Cooperation among African States bordering the Atlantic Ocean
WIOTO Western Indian Ocean Tuna Organization
LCBC Lake Chad Basin Commission
CILSS Comité permanent inter-Etats de lutte contre la sécheresse dans le Sahel
IGADD Intergovernmental Authority on Drought and Development
NRBA Niger River Basin Association